

Virginia Geologic Research Symposium 2015
Division of Geology and Mineral Resources
900 Natural Resources Drive, Charlottesville, VA 22903
Monday, April 13, 2015

- 8:00 – 8:30 a.m. Registration and “Meet and Greet” with refreshments
- 8:30 – 8:40 a.m. The State of the State Geological Survey – *David Spears, DGMR*
- 8:40 – 9:40 a.m. Technical Session #1
- 8:40 – 9:00 Special volume on the 2011 Virginia earthquake - A wealth of information and stimulus for research – *Wright Horton, USGS*
- 9:00 – 9:20 Structural and hydrologic characterization of the Town of Dayton test wells in Rockingham County – *Joel Maynard, DEQ*
- 9:20 – 9:40 Neoproterozoic geologic history of the eastern Laurentian margin: new insights from U-Pb dating of zircon from rhyolite clasts in Mount Rogers Formation conglomerates, SW VA – *Beth McClellan, Radford University*
- 9:40 – 10:00 a.m. Break
- 10:00 – 11:00 a.m. Technical Session #2
- 10:00 – 10:20 Beryllium geochronology of selected surficial deposits in the Valley of Virginia – *Lorrie Coiner, Marcie Occhi, and Matt Heller, DGMR*
- 10:20 – 10:40 Late diagenetic silicification of Cambrian and Ordovician carbonates of the Shenandoah Valley, Virginia – *Dan Doctor, USGS*
- 10:40 – 11:00 Geology and land-planning tools: The Cultural Landscape Report – *Aaron Cross, DGMR*
- 11:00a.m. – noon Breakout Sessions:
- Breakout #1 Communicating Science to Policy Makers – Cafeteria
 - Breakout #2 Geology and Energy Policy – Library
 - Breakout #3 TBA

Noon – 1:00 p.m.	Lunch on your own – See list of local restaurants
1:00 – 2:30 p.m.	Poster Session
2:30 – 3:30 p.m.	Technical Session #3
2:30 – 2:50	Petrological and structural analysis of metavolcanic rocks in the eastern Blue Ridge and western Piedmont provinces, central Virginia – <i>Ciara Mills, College of William and Mary</i>
2:50 – 3:10	Taconian and Alleghanian orogenies in the central VA Piedmont: recent geochronological results – <i>Bill Burton, USGS</i>
3:10 – 3:30	Geology of the Midway Mills area, central Virginia: Mesozoic tectonics and Anthropocene intrigue – <i>Chuck Bailey, College of William and Mary</i>
3:30 – 3:50 p.m.	Break with refreshments
3:50 – 4:50 p.m.	Technical Session #4
3:50 – 4:10	Pore-fluid pressure diffusion as the trigger for intraplate aftershocks: The Virginia earthquake of 23 August 2011 – <i>John Costain, Virginia Tech (Emeritus)</i>
4:10 – 4:30	Characterizing pedogenic and potential paleoseismic features in South Anna River alluvium – <i>Mark Carter, USGS</i>
4:30 – 4:50	A new app for identifying fossils in Virginia – <i>William Schmachtenberg, Franklin County High School and Ferrum College</i>
4:50 p.m.	Summary and wrap-up